

Technology Title: **Fiber Optic Laser Accelerometer**

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ABSTRACT

Keywords: fiber optic; laser; accelerometer



This fiber optic laser accelerometer with small size and linear configuration can be used in high vibration environments and is insensitive to electromagnetic fields. Advantages over fiber optic accelerometers with Bragg gratings include smaller size and easier manufacturing. Applications include oil and gas exploration (seismic streamers), automotive and other noisy non-steady environments.

Covered by U.S. Pat. Nos. 7,661,313 and 7,802,474

Seeking industry partner to commercialize through patent license and Cooperative Research and Development Agreement (CRADA).

Thumbnail

Small, easy to manufacture fiber optic laser accelerometer

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